Title (en)
USER FEATURE GENERATING METHOD, DEVICE, AND APPARATUS, AND COMPUTER-READABLE STORAGE MEDIUM

Title (de)
BENUTZERMERKMALERZEUGUNGSVERFAHREN, -VORRICHTUNG UND -EINRICHTUNG UND COMPUTERLESBARES SPEICHERMEDIUM

Title (fr)
PROCÉDÉ, DISPOSITIF ET APPAREIL DE PRODUCTION DE CARACTÉRISTIQUE D'UTILISATEUR, ET SUPPORT DE STOCKAGE LISIBLE PAR ORDINATEUR

Publication
EP 3819821 A4 20210609 (EN)

Application
EP 19830402 A 20190610

Priority
- CN 201810724443 A 20180704
- CN 2019090559 W 20190610

Abstract (en)
[origin: US2020374589A1] A user feature generation method is performed at a server, the method including: acquiring n groups of timing correspondences between target videos and corresponding user accounts, each group of timing correspondences comprising user accounts that have viewed a respective target video, the user accounts being sorted according to their corresponding viewing timestamps, n being a positive integer; obtaining a word-embedding matrix by mapping the n groups of timing correspondences into the word-embedding matrix, the word-embedding matrix comprising a word vector corresponding to each user account; training the word-embedding matrix by using a loss function, the loss function being used for defining a similarity relationship between the user accounts according to a degree of similarity between their respective watch histories; and determining a word vector corresponding to each user account in the trained word-embedding matrix as a user feature of the user account.

IPC 8 full level
G06F 16/00 (2019.01); **G06K 9/62** (2006.01); **H04N 21/25** (2011.01); **H04N 21/258** (2011.01); **H04N 21/45** (2011.01); **H04N 21/482** (2011.01)

CPC (source: CN EP US)
G06F 16/75 (2018.12 - EP); **G06F 16/78** (2018.12 - EP); **G06F 18/21** (2023.01 - CN); **G06N 3/042** (2023.01 - EP); **G06N 3/045** (2023.01 - EP); **G06N 3/0475** (2023.01 - EP); **G06N 3/084** (2013.01 - EP); **H04N 21/251** (2013.01 - EP); **H04N 21/252** (2013.01 - EP); **H04N 21/25891** (2013.01 - EP); **H04N 21/44222** (2013.01 - EP); **H04N 21/4532** (2013.01 - EP US); **H04N 21/4668** (2013.01 - US); **H04N 21/4826** (2013.01 - EP); **H04N 21/6582** (2013.01 - EP); **H04N 21/8352** (2013.01 - EP); H04N 21/4666 (2013.01 - EP); H04N 21/4668 (2013.01 - EP)

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Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
US 11122333 B2 20210914; **US 2020374589 A1 20201126**; CN 108921221 A 20181130; CN 108921221 B 20221118; EP 3819821 A1 20210512; EP 3819821 A4 20210609; EP 3819821 B1 20230705; TW 202007178 A 20200201; TW I702844 B 20200821; WO 2020007164 A1 20200109

DOCDB simple family (application)
US 202016991983 A 20200812; CN 201810724443 A 20180704; CN 2019090559 W 20190610; EP 19830402 A 20190610; TW 108119940 A 20190610